[redacted] 25X1A

25X1A [redacted]

SECRET

October 8, 1965

25X1A [redacted]

Gentlemen:

In accordance with the terms of the contract, enclosed is one (1) copy of the progress report covering the period from August 7, 1965 to September 24, 1965.

Additional copies of this report are being sent directly to your technical representative.

Very truly yours,

25X1A [redacted]

25X1A [redacted] :mm

Enc.

25X1A [redacted]

SECRET

RECEIPT FOR CLASSIFIED DOCUMENTS 25X1A

NAME OF FIRM [redacted]

IMPORTANT NOTICE: Please sign this receipt immediately and return by ordinary first class mail. Your envelope must be addressed only as follows:

25X1A [redacted]

25X1A CONTRACT NO. [redacted]

DATE SENT Oct. 15, 1965

DOCUMENT NO. AND/OR DATE	UNCLASSIFIED DESCRIPTION	CLASSIFICATION	NO. OF COPIES	NO. OF PAGES IN EACH	ATTACHMENTS
October 8, 1965	cc Letter re Progress Report from 8/7/65 - 9/24/65	S	1	1	Progress Report

RECEIPT IS HEREBY ACKNOWLEDGED OF THE ABOVE LISTED DOCUMENT (S) SI [redacted]

DATE REC'D 22 Oct 1965 25X1A

Panoramic Stereoviewer

[redacted] 25X1A

Status Report

Covering the period from August 7, 1965 to September 24, 1965

During this reporting period the friction rollers were received and installed. A preliminary electrical adjustment of the instrument showed that the magnetic clutches in the drive linkage were not strong enough to transmit the torques. New higher torque clutches have been installed and appear to be adequate.

The electrical modifications have been completed; however, some electrical adjustments are still required to satisfactorily balance the system. The instrument is being adjusted for optimum performance with a maximum of 500 feet of film on either side. From preliminary tests the maximum speed in uncoupled motor drive is approximately 250 feet per minute, based on the time required to drive 500 feet of film. Under the most adverse manual and motor driving conditions the film can be made to slip a slight amount. However in the final balanced system it is anticipated that slippage will be negligible if not completely eliminated. It does not appear that the coupled motor drive will be satisfactory without using both joysticks. The maximum speed when driving both sides through one pair of motors is reduced considerably and there is an increased tendency for the film to slip. The coupled drive when using both joy sticks seems to be quite satisfactory. Only the right hand wheel is activated in the manual coupled mode and it appears to be satisfactory for driving the film with little noticeable increase in torque on the hand wheel.

To complete the instrument, in addition to completing the electrical balance, it is necessary only to re-install the sheet metal covers and recheck, and possibly realign, the optical system. The instrument should be ready for inspection by the customer by the end of the first week of October.

	Cost Accumulated on the Project as of 9/24/65	Estimated Total Cost
Engineering Manufacturing Materials	[redacted]	

25X1A

October 1, 1965

Panoramic Stereoviewer

[redacted] 25X1A

Status Report

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Engineering Manufacturing Materials	[redacted]	

25X1A

October 1, 1965